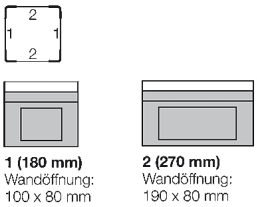
# FP 0101

## Empty enclosures with closing plates

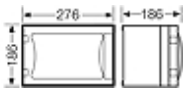


- with transparent door
- please order DIN rails, mounting plates or covers additionally
- closed walls
- order flanges separately

box walls




Dimension drawing




| | |
|---|---|
| mounting width | 220 mm |
| mounting height | 130 mm |
| max. installation depth | with built-in mounting plate 136 mm |
| max. installation depth | with built-in DIN rail 125 mm |
| box size | 1 |
| degree of protection: | IP 65 |
| protection class | II |
| material:<br>colour: | thermoplastic<br>grey RAL 7035 |
| width | 276 mm |
| height: | 186 mm |
| depth | 186 mm |

## Operating and ambient conditions

| | |
|---|---|
| Application area | The enclosures are suitable for outdoor installation - harsh environment and / or outdoor. The material is examined for UV resistance by the institute for plastics and thereby suitable for the outdoor installation during UV effect. However the climatic influences and effects on the equipment are to be considered. |
| ambient temperature | Maximum value + 70° C<br>Minimum value - 25° C |
| Fire protection in the event of internal faults | Demands placed on electrical devices from standards and laws Minimum requirements - Glow wire test in accordance with IEC 60 695-2-11: - 650°C for boxes and cable glands - 850°C for parts of insulating material necessary to retain current carrying parts in position |
| Fire protection in the event of specific risks or hazards | Demands placed on electrical installations and devices in areas and facilities subject to fire risk, e.g. DIN VDE 0100 Part 482, official regulations, VdS directives Minimum requirements - Glow wire test to IEC 60 695-2-11: - 850°C for boxes and cable glands - 850°C for cavity wall installation - Use of fire resistant cables |
| Burning behaviour | Glow wire test IEC 60 695-2-11: 960° C<br>UL Subject 94 V-2<br>flame resistant self-extinguishing |
| degree of protection against mechanical load | IK08 (5 Joule) |
| Toxic behaviour | halogen-free silicone-free "halogen-free" in accordance with the examination of the cables and insulated wires - corrosiveness of fumes - as per IEC 754-2 Supplementing references regarding outdoor installation - harsh environment and / or outdoor: - The top side of the boxes should be protected by a cover against weather influences such as rains, ice and snow. - Further on, also chemical influences have to be considered with the selection of the installation place - apart from the IP rating and climatic effects. - In order to keep the maximumpermissible |

ambient temperature of the installed equipment as well as for the prevention from condensaion additional measures as ventilation and/or heating may be nacessary. To material properties see technical data.